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	Application No.	Applicant(s)	
Alada a RAHa alaur	10/728,902	NAGAYAMA ET AI	<u></u>
Notice of Allowability	Examiner	Art Unit	
	Tho v Duong	3743	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	6 (OR REMAINS) CLOSED in this ap) or other appropriate communication RIGHTS. This application is subject t	pplication. If not include will be mailed in due	ded e course. THIS
1. $igwedge$ This communication is responsive to <u>6/18/2004</u> .			
2. ☑ The allowed claim(s) is/are <u>1-16</u> .			
3. $igotimes$ The drawings filed on <u>08 December 2003</u> are accepted by	the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: Certified copies of the priority documents have Certified copies of the priority documents have Copies of the certified copies of the priority documents have Topies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	e been received. e been received in Application No		ation from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the re	equirements
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv			NOTICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner' Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1	son's Patent Drawing Review(PTO- is Amendment / Comment or in the C 1.84(c)) should be written on the drawin	Office action of	e back) of
each sheet. Replacement sheet(s) should be labeled as such in to the deposit of and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATERIAL i	must be submitted.	Note the
Attachment(s)			
1. ☑ Notice of References Cited (PTO-892)	5. Notice of Informal P	Patent Application (PT	O-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary Paper No./Mail Da		
3. MInformation Disclosure Statements (PTO-1449 or PTO/SB/0			
Paper No./Mail Date 12/8/2003 4. Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Stateme	ent of Reasons∡for All	owance
of Biological Material	9. Other		
	Superv	Sennett Sen/Patent Examin	研

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Glen Law on 7/7/2004.

The application has been amended as follows:

In the specification, on page 7, at line 6, after "ASTM", -- (The American Society for Testing and Materials standard) -- has been inserted.

In claim 1, at line 2, after "a heat radiating portion", 'adapted' has been deleted and -- configured -- has been inserted.

In claim 1, at line 3, after "whose surface is", 'adapted' has been deleted and --configured -- has been inserted.

In claim 1, at line 5, after "of the vehicle", -- so that heat is exchanged between the vehicle body and the heat receiving and radiating portion by thermal conduction -- has been inserted.

In claim 14, at line 2, after "steel", -- plate -- has been inserted.

In claim 15, at line 2, after "heat radiating means", 'adapted' has been deleted, and – configured-- has been inserted.

In claim 15, at line 3, after "whose surface is", 'adapted' has been deleted, and -- configured -- has been inserted.

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In claim 15, at line 5, after "of the vehicle body", -- so that heat is exchanged between the vehicle body and the heat receiving and radiating means by thermal conduction-- has been inserted.

In claim 16, at line 3, after "member", 'adapted' has been deleted, and -- configured-- has been inserted.

In claim 16, at line 7, after "vehicle" (at begin line 7), -- so that heat is exchanged between the vehicle body and the heat receiving and radiating portion by thermal conduction-has been inserted.

Election/Restrictions

Claims 3 and 13 have been withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected species, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 6/18/2004.

Allowable Subject Matter

Claims 1,2,4-12 and 14-16 are allowed. Upon the allowance of the generic claims 1,15 and 16, claims 3 and 13 are now rejoined. Therefore, claims 1-16 are now allowed.

The following is an examiner's statement of reasons for allowance: The prior art either taken singularly or in combination fails to disclose a heat radiating structure of an interior member comprising a heat radiation portion configured to be applied to a vehicle and disposed on a rear surface of an interior member whose surface is configured to be applied with external energy; a heat receiving and radiating portion connected to a vehicle body of the vehicle so that heat is exchanged between the vehicle body and the heat receiving and radiating portion by thermal conduction; and a reflecting member cooperating with the heat radiating portion and the

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heat receiving and radiating portion to define a closed space so that heat radiation is reflected toward the heat receiving and radiating portion from the heat radiating portion. Reference to Meinel et al. (US 4,337,758) is the closest prior art to the invention. However, the reference does not disclose a heat radiating portion located on a rear surface of an interior member whose surface is applied with external energy and heat is radiating from the heat radiating portion.

NOTE: Since claim 15 uses means plus function format, it gives rise to the interpretation under 35 USC 112, par 6 in light of and consistent with the written description of the invention in the application.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Saunders (US 4,078,603) discloses a solar collector and heating and cooling system.

- F. Trombe (US 3,310,102) discloses a device for lowering the temperature of a body by heat radiation therefrom.
- R. X. Meyer (US 3,174,537) discloses an electromagnetic radiant energy response apparatus.

Meinel et al. (US 4,337,758) discloses a solar energy collector and converter.

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Chang et al. (US 5,405,680) discloses selective emissivity coating for interior temperature reduction of an enclosure.

Aronson (US 4,030,316) discloses a passive cooler.

Petrick et al. (US 4,423,605) discloses a radiative cooler.

Kunz (US 4,264,664) discloses a metal coated plastic foil and its use.

Ohba et al. (US 4,668,873) discloses a vehicle mounted electronic apparatus.

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Tho Duong whose telephone number is (703) 305-0768. The examiner can normally be reached on from 9:30-6 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Henry Bennet, can be reached on (703) 308-0101. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0861.

Tho Duong

July 9 2004

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Supervisory Palent Examiner